

TOP GEAR GLOVES.

PRODUCT SPECIFICATION
Powderfree Polymer Examination Glove (Smooth)

SECTION I : PRODUCT DESCRIPTION

1. 1	Type	Latex Examination Glove, <u>Powderfree</u> , <u>Polymer on-line</u> , Non-sterile
1. 2	Material	Natural High Grade Rubber Latex
1. 3	Color	Off white to yellow Blue Green
1. 4	Design and Feature	Ambidextrous, <u>smooth</u> , beaded cuff
1. 5	Powder	No powder lubricant added
1. 6	Storage Condition	The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight.
1. 7	Shelf-Life	The gloves shall have shelf life of 5 years from the date of manufacture with the above storage condition.
1. 8	Packing Style	100 pcs gloves x 10 dispensers x 1 carton
1. 9	Size Marking	The size of gloves shall be marked in the check box on every carton with black ink.

SECTION II: PERFORMANCE REQUIREMENTS

(Sampling Plan – ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions	S2	4.0	ASTM D3578-05
2.2	Physical Properties	S2	4.0	In-house standard
2.3	Freedom from holes (Air Pump Test)	GI	1.5	In-house practice
2.4	Visual Defects:			
(i)	- Major Visual	GI	2.5	In-house practice
(ii)	- Minor Visual		4.0	
2.5	Packaging Defects:			In-house Inspection
(i)	Regulatory	GI	**	
(ii)	Visual	GI	4.0	
(iii)	Critical (incl. Gloves Counting)	S2	4.0	
2.6	Powderfree Residue	N=5	-	ASTM D3578-05 ASTM D6124-06
2.7	Mix Size / Mix Glove / Mix Hand	Not Allowed		

**Unacceptable at any level

TOP GEAR GLOVES.**SECTION III: PERFORMANCE SPECIFICATION**

3.1 Dimensions

Description	Size	Standard
Length (mm)	All Sizes	Min 240
Palm Width (mm)	XS	76 +/- 3
	S	84 +/- 3
	M	94 +/- 3
	L	105 +/- 3
	XL	113 +/- 3
Thickness (mm) *single wall	All Sizes	Finger: 0.12 +/- 0.02 (Typical value: 0.11 – 0.14) Palm: 0.11 +/- 0.02 (Typical value: 0.10 – 0.12)

3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at break (%)	Min 550 (Typical value: 550 – 800)	Min 450 (Typical value: 450 – 600)
Tensile Strength (MPa)	Min 16 (Typical value: 16 – 22)	Min 12 (Typical value: 12 – 18)

3.3 Freedom from holes

The sample size and allowable number of non-conforming gloves in the samples shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

3.4 Visual Inspection

The sample size and allowable number of non-conforming gloves in the samples for both major and minor defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using Inspection and acceptable quality level as stated in Section II: Performance Requirements.

3.5 Packaging Defects

The Sample size and allowable number of non-conforming in sample for regulatory, visual and critical packaging defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements (Gloves Counting = 100 pcs by weight per Dispenser).

3.6 Powderfree Residue

Maximum 2 mg per glove